

**ABSTRACT OF THE DISCLOSURE**

Providing link quality intelligence from physical layer to higher protocol layers. The PHY (physical layer) of devices operating within wireless communication systems assess 1 or more operational parameters corresponding to a PHY link that  
5 communicatively couples 2 or more devices. These PHYs provide this assessed intelligence to the devices' higher protocol layers so that these higher protocol layers have greater visibility of the operational parameters of the PHY link. These higher protocol layers may use this assessed intelligence to make decisions about how future communication are governed across the PHY links. For example, based on a change  
10 of the operational parameter(s), the higher protocol layers may modify the operational parameter(s) for future communications. The higher protocol layers may direct the PHY to assess a particular set of operational parameters, and the higher protocol layers may assess different operational parameters at different times.